

**Table 2. Forage quality of barley hays at Carrington, ND, in 2006.**

Entry	Quality component <sup>†</sup>								
	CP	ADF	NDF	ADL	Ash	HEMI	CELL	IVDMD	RFV
----- % of dry weight -----									
Bestford	14.6	31.9	57.8	4.1	9.2	27.9	27.7	64.7	99.7
Horseford	14.3	29.5	56.7	3.4	9.7	27.2	26.2	68.2	108.1
Westford	14.5	30.1	57.3	3.2	10.4	27.2	26.9	66.4	106.5
Haybet	14.1	31.1	59.4	3.9	8.3	28.3	27.2	62.6	101.4
Hayes	14.6	31.9	60.3	3.3	10.7	28.4	28.6	70.3	98.8
Robust <sup>§</sup>	16.6	30.7	58.5	3.3	11.2	27.7	27.4	66.4	103.4
Conlon <sup>§</sup>	16.4	30.5	58.6	3.1	10.4	28.0	27.4	67.7	103.5
Bowman <sup>§</sup>	15.5	30.4	58.7	3.3	10.6	28.3	27.1	66.4	103.4
<u>Bowman isolines</u>									
Late maturing <sup>§</sup>	15.6	31.9	60.7	3.5	10.0	28.8	28.3	65.0	98.2
Orange lemma <sup>§</sup>	18.4	29.9	58.8	2.8	10.5	28.9	27.1	69.7	103.7
Fragile stem	14.9	28.6	56.5	3.2	8.7	27.9	25.4	67.7	109.7
Hooded	16.3	29.7	58.3	3.1	10.3	28.6	26.6	68.0	105.1
Awnless	15.0	30.2	57.5	3.6	9.1	27.3	26.6	65.6	105.8
Mean	15.5	30.4	58.5	3.4	9.9	28.0	27.1	66.7	103.8
LSD 0.05	1.9	2.0 <sup>‡</sup>	2.6 <sup>‡</sup>	0.4	1.3	1.2 <sup>‡</sup>	NS	3.3	6.9 <sup>‡</sup>
CV, %	7.3	3.8	2.6	5.7	7.9	2.5	4.0	2.9	3.9

<sup>†</sup> CP = crude protein; ADF = acid-detergent fiber; NDF = neutral-detergent fiber; ADL = acid-detergent lignin; HEMI = hemicellulose (NDF-ADF); CELL = cellulose (ADF-ADL); IVDMD = in vitro dry matter digestibility; RFV = relative feed value

<sup>‡</sup>Significant at the 10% probability level.

<sup>§</sup>Harvest stage = 5 to 7 days post heading; remaining awnless entries harvested at soft dough.